

WEST Search History for Application 10537825

Creation Date: 2010033018:04

substrates same liquid crystal layer same electric\$ same parallel same electrode same alignment same linearly polaris\$PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ 06-21-2009
linear\$ polaris\$ with nmPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(linear\$ polaris\$ with nm) and (substrates same liquid crystal layer same electric\$ same parallel same electrode same alignment same linearly polaris\$)PGPB, USPT, USOC, EPAB,
JPAB, DWPI, TDBD ADJ 06-21-2009
(polaris\$ with nm) and (substrates same liquid crystal layer same electric\$ same parallel same electrode same alignment same linearly polaris\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ 06-21-2009
linear\$ polariz\$ with nm with (align\$ or polyimide or polyamide)PGPB, USPT, USOC, EPAB,
JPAB, DWPI, TDBD ADJ 06-21-2009
(linear\$ polariz\$ with nm with (align\$ or polyimide or polyamide)) same electrodesPGPB,
USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
20020098295 or 20040080685PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ 06-21-2009
(20020098295 or 20040080685) and (substrate\$ same transparent same electrode\$ same parallel same liquis crystal layer\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ 06-21-2009
(20020098295 or 20040080685) and substrate\$ and transparent and electrode\$ and parallel and liquis crystal layer\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(20020098295 or 20040080685) and substrate\$ and transparent and electrode\$ and liquid crystal layer\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(20020098295 or 20040080685 and substrate\$ and transparent and electrode\$ and liquid crystal layer\$) and parallelPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
20040080685 and parallelPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$)
same align\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
20060061719PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(20060061719) and active devicePGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ 06-21-2009
(substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$)
same align\$) and (linear\$ polariz\$ with nm with (align\$ or polyimide or polyamide))PGPB,
USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
linear\$ polariz\$ same nm same (align\$ or polyimide or polyamide)PGPB, USPT, USOC,
EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic)PGPB, USPT, USOC, EPAB,
JPAB, DWPI, TDBD ADJ 06-21-2009
(linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic)) and ((substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$)PGPB,
USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$) and ((substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$)
same align\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$)
same ((substrate\$ same transparent same electrode\$ same parallel same liquid crystal
layer\$) same align\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$)
and (linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic))PGPB, USPT, USOC,
EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$)
and linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic) not (linear\$ polariz\$
same nm same (align\$ or polyimide or polyamic) and (substrate\$ same transparent same
electrode\$ same parallel same liquid crystal layer\$) same align\$)PGPB, USPT, USOC, EPAB,
JPAB, DWPI, TDBD ADJ 06-21-2009
us-5856430-.did. or us-6200655-.did.PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ 06-21-2009
(us-5856430-.did. or us-6200655-.did.) and transparentPGPB, USPT, USOC, EPAB, JPAB,
DWPI, TDBD ADJ 06-21-2009
(us-5856430-.did. or us-6200655-.did.) and (electri\$ same parallel)PGPB, USPT, USOC,
EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(electri\$ with parallel) same (substrate\$ same electrode\$ same liquis crystal layer\$)PGPB,
USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$)PGPB,
USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
((electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$)) and
(linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic))PGPB, USPT, USOC,
EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
20010048498 or us-6704082-.did. or us-6943861-.did.PGPB, USPT, USOC, EPAB, JPAB,
DWPI, TDBD ADJ 06-21-2009
(20010048498 or us-6704082-.did. or us-6943861-.did.) and ((electri\$ with parallel) same
(substrate\$ same electrode\$ same liquid crystal layer\$)) and (linear\$ polariz\$ same nm
same (align\$ or polyimide or polyamic))PGPB, USPT, USOC, EPAB, JPAB, DWPI,
TDBD ADJ 06-21-2009
(20010048498 or us-6704082-.did. or us-6943861-.did. and ((electri\$ with parallel) same
(substrate\$ same electrode\$ same liquid crystal layer\$) and linear\$ polariz\$ same nm same
(align\$ or polyimide or polyamic))) and (transparent or thin film)PGPB, USPT, USOC, EPAB,
JPAB, DWPI, TDBD ADJ 06-21-2009
(20010048498 or us-6704082-.did. or us-6943861-.did. and ((electri\$ with parallel) same
(substrate\$ same electrode\$ same liquid crystal layer\$) and linear\$ polariz\$ same nm same
(align\$ or polyimide or polyamic))) and (transparent or thin film) and alignment layerPGPB,
USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(20010048498 or us-6704082-.did. or us-6943861-.did. and ((electri\$ with parallel) same
(substrate\$ same electrode\$ same liquid crystal layer\$) and linear\$ polariz\$ same nm same
(align\$ or polyimide or polyamic))) and (transparent or thin film) and align\$PGPB, USPT,
USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
us-6704082-.did. and (transparent or thin film) and alignment layerPGPB, USPT, USOC,
EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(us-6704082-.did. and (transparent or thin film) and alignment layer) and (parallel) and axis
and linearlyPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(20010048498 or us-6704082-.did. or us-6943861-.did.) and (parallel same axis) and
linearlyPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(20010048498 or us-6704082-.did. or us-6943861-.did.) and cyclobut\$PGPB, USPT, USOC,
EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
(20010048498 or us-6704082-.did. or us-6943861-.did.) and nmPGPB, USPT, USOC, EPAB,

JPAB, DWPI, TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$ did. or us-6943861-\$ did. and nm) and (pre-tilt\$ or tilt\$)PGPB,
 USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$ did. or us-6943861-\$ did. and nm) and ((pre-tilt\$ or tilt\$) same
 angle)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$ did. or us-6943861-\$ did. and nm) and transition
 temperaturePGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$ did. or us-6943861-\$ did. and nm) and (pixel same
 common)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$ did. or us-6943861-\$ did. and nm) and commonPGPB, USPT,
 USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$ did. or us-6943861-\$ did. and nm) and (common same
 insulating same \$organic)PGPB, USPT, USOC, EPAB, JPAB, DWPI,
 TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$ did. or us-6943861-\$ did. and nm) and (common same
 insulat\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$ did. or us-6943861-\$ did. and nm) and (common same
 insulat\$ same \$organic)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$ did. or us-6943861-\$ did. and nm) and wavelengthPGPB,
 USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
20060061719	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
20010048498	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(20010048498) and \$tetracarboxylic\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
\$cyclobutanetetracarboxylic\$	PGPB, USPT,	ADJ	YES		12-21-2009

	USOC, EPAB, JPAB, DWPI, TDBD			
(\$cyclobutanetetracarboxylic\$) and (20060061719)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
\$di\$cyclobutanetetracarboxylic\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
(\$di\$cyclobutanetetracarboxylic\$) same align\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
(\$di\$cyclobutanetetracarboxylic\$) same align\$ same diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
(\$di\$cyclobutanetetracarboxylic\$) same diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
(\$di\$cyclobutanetetracarboxylic\$ same diamine) and linear\$ polarized light	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES	12-21-2009

	TDBD				
(\$di\$cyclobutanetetracarboxylic\$ and linear\$ polarized light	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(\$di\$cyclobutanetetracarboxylic\$ and linear\$ polarized light) and nm	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(\$di\$cyclobutanetetracarboxylic\$ and linear\$ polarized light and nm) and diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(\$di\$cyclobutanetetracarboxylic\$ and linear\$ polarized light and nm and diamine) and (electrode same substrate same liquid crystal\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
electric field same parallel	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(\$di\$cyclobutanetetracarboxylic\$ and linear\$ polarized light and nm and diamine and (electrode same substrate same liquid crystal\$)) and (electric field same parallel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(electric same parallel) and (\$di\$cyclobutanetetracarboxylic\$ and linear\$ polarized light and nm and diamine)	PGPB, USPT, USOC,	ADJ	YES		12-21-2009

	EPAB, JPAB, DWPI, TDBD			
us-6063829-.did. or us-5921201-.did. or us-5612450-.did. or us-5756689-.did. or us-6746730-.did. or us-6294639-.did. or us-6063829-.did. or us-6685997-.did. or jp-2003073471-.did. or jp-2003255349-.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
(us-6063829-.did. or us-5921201-.did. or us-5612450-.did. or us-5756689-.did. or us-6746730-.did. or us-6294639-.did. or us-6063829-.did. or us-6685997-.did. or jp-2003073471-.did. or jp-2003255349-.did.) and (\$di\$cyclobutanetetracarboxylic\$ and linear\$ polarized light and nm and diamine and (electrode same substrate same liquid crystal\$) and electric field same parallel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
(us-6063829-.did. or us-5921201-.did. or us-5612450-.did. or us-5756689-.did. or us-6746730-.did. or us-6294639-.did. or us-6063829-.did. or us-6685997-.did. or jp-2003073471-.did. or jp-2003255349-.did.) and (\$di\$cyclobutanetetracarboxylic\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
jp-07036047-.did. or jp-07209650-.did. or jp-07209653-.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
(jp-07036047-.did. or jp-07209650-.did. or jp-07209653-.did.) and (\$di\$cyclobutanetetracarboxylic\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
(jp-07036047-.did. or jp-07209650-.did. or jp-07209653-.did.) or (us-6063829-.did. or us-5921201-.did. or us-5612450-.did. or us-5756689-.did. or us-6746730-.did. or us-6294639-.did. or us-6063829-.did. or	PGPB, USPT, USOC, EPAB, JPAB,	ADJ	YES	12-21-2009

us-6685997-\$ did. or jp-2003073471-\$ did. or jp-2003255349-\$ did.)	DWPI, TDBD			
(jp-07036047-\$ did. or jp-07209650-\$ did. or jp-07209653-\$ did. or us-6063829-\$ did. or us-5921201-\$ did. or us-5612450-\$ did. or us-5756689-\$ did. or us-6746730-\$ did. or us-6294639-\$ did. or us-6063829-\$ did. or us-6685997-\$ did. or jp-2003073471-\$ did. or jp-2003255349-\$ did.) and (\$cyclobutanetetracarboxylic\$) and (\$di\$cyclobutanetetracarboxylic\$ same diamine))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
(jp-07036047-\$ did. or jp-07209650-\$ did. or jp-07209653-\$ did. or us-6063829-\$ did. or us-5921201-\$ did. or us-5612450-\$ did. or us-5756689-\$ did. or us-6746730-\$ did. or us-6294639-\$ did. or us-6063829-\$ did. or us-6685997-\$ did. or jp-2003073471-\$ did. or jp-2003255349-\$ did.) and (\$cyclobutanetetracarboxylic\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-21-2009
20040012725 or jp-2002258262-\$ DID. OR JP-2002131751-\$ did. or jp-2000080164-\$ did. or jp-2000319510-\$ did., or jp-07287235-\$ did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-30-2010
20040012725 or jp-2002258262-\$ DID. OR JP-2002131751-\$ did. or jp-2000080164-\$ did. or jp-2000319510-\$ did. or jp-07287235-\$ did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-30-2010
cyclobutanetetracarboxylic	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-30-2010
(cyclobutanetetracarboxylic) and (20040012725 or jp-2002258262-\$ DID. OR JP-2002131751-\$ did. or jp-2000080164-\$ did. or jp-2000319510-\$ did. or jp-07287235-\$ did.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES	03-30-2010

	TDBD			
(cyclobutanetetracarboxylic near2 dianhydride)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-30-2010
200 nm with 400 nm	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-30-2010
(200 nm with 400 nm) same ((cyclobutanetetracarboxylic near2 dianhydride))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-30-2010
(200 nm with 400 nm) and ((cyclobutanetetracarboxylic near2 dianhydride))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-30-2010
((cyclobutanetetracarboxylic near2 dianhydride)) with diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-30-2010
((cyclobutanetetracarboxylic near2 dianhydride) with diamine) same linearly polariz\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-30-2010
((cyclobutanetetracarboxylic near2 dianhydride) with diamine) and linearly polariz\$	PGPB, USPT, USOC,	ADJ	YES	03-30-2010

	EPAB, JPAB, DWPI, TDBD				
((cyclobutanetetracarboxylic near2 dianhydride) with diamine) same linearly polariz\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010